

ANNUAL REPORT OF THE BOMBAY NATURAL HISTORY SOCIETY FOR THE YEAR 1980-81

EXECUTIVE COMMITTEE

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Mr. G. V. Bedekar, I.C.S. (Retd.)

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Secretary, Dept. of Science &
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Prof. P. V. Bole
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Mr. David Fernandes
Dr. C. V. Kulkarni, M.SC., PH.D.
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Mr. Bansi Mehta
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(*Honorary Secretary*)
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Mr. F. C. Badhwar, O.B.E.	..	New Delhi
Dr. B. Biswas	..	Calcutta
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Mr. Duleep Matthai	..	New Delhi

HONORARY SECRETARY'S REPORT FOR THE YEAR 1980

97th Annual Report

MEMBERSHIP

There was a steady growth in membership of all categories during the year. However, we can always improve the enrolment rate. This is where members co-operation is essential. We take this opportunity to thank those members who on their own and in response to appeals in the *Hornbill* introduced new members to the Society.

We now appeal to members for assistance in the enrolment of compound corporate members. The Executive Committee has fixed a minimum target of 1,000 compound corporate members so that the corpus will fetch an annual return to meet at least part of the expenditure on administration. Assistance from members who are in a position to influence progressive companies to enrol themselves as compound corporate members would be greatly appreciated. The subscription for compound corporate members is Rs. 1,500 at the present time.

We are glad to report that the number of dropouts has shown a gratifying decline from 217 in 1979 to 97 in 1980. This is an encouraging indication that we are able to hold our members by catering to their interest.

Details of membership for the past quinquennium, showing members fully paid up on 31st December of each year are given in the statement below :

	1977	1978	1979	1980	1981
Ordinary members	512	541	640	660	764
Corporate members	190	180	184	180	168
Life members	246	257	274	305	327
Compound corporate members	1	2	9	9	20
Student members	20	39	96	83	94
Honorary members	4	4	4	4	3
Forest Department Nominees	..	..	..	..	..
	973	1023	1207	1241	1376
Members elected in 1980, but not paid	20				
Members paid in 1979, but not paid for 1980	97				

PUBLICATIONS

Journal :

Five issues of the Journal were published during the year under review though the effort at catching up with publication dates was not successful and at the end of the year the publication of the issues for August & December 1980 had to be carried over to the next year.

The Journals published in 1980 included all the issues of volume 76 for 1979, the April issue volume 77 (1) for 1980 and a supplement to volume 75 the Journal for 1978. This supplement carried the papers presented as tribute to Dr. Sálím Ali at a symposium on 'Ecology and conservation of birds and mammals in India' held at Bangalore on 11th-13th Novem-

ber 1977. The authors of these papers represent amongst themselves a majority of scientific workers active in this area on the Indian Sub-continent. Other journals published during the year continued to present authoritative information on the natural history of the oriental region.

Hornbill :

The *Hornbill* has now established itself among the members of the Society as a well-liked popular journal presenting matters of natural history in non-technical language for the benefit of most members of the Society. However, a journal of this nature cannot survive unless members provide 'sustenance' in the form of notes and photographs. We appeal to members particularly to those who are active field naturalists to keep the *Hornbill* in mind for notes & photographs.

Books :

During the year we published the 11th edition of the *Book of Indian Birds* by Sálim Ali which includes descriptions and colour illustrations of 16 additional species (making 296 in all) and the 4th edition of the *Book of Indian Animals* by S. H. Prater. Both publications had brisk sales as is evident from the sales statement given below :

	Sales in		Balance
	1979	1980	stock
			31-12-'80
Some beautiful Indian Trees ..	147	264	2220
Glimpses of Nature in India Booklet	142	353	1804
Checklist of the Birds of Maharashtra ..	148	102	1 06
Checklist of the Birds of Delhi, Agra & Bharatpur ..	69	54	148
The Book of Indian Birds ..	2197		8009
The Book of Indian Animals ..	..	1007	3905

Books under Publication :

GRASSES OF WESTERN INDIA By T. Hodd
(1st edition)

A handy field guide for the identification of Grasses of Western India, with illustrations for all the species described, should be available in 1981.

A SYNOPSIS OF THE BIRDS OF INDIA & PAKISTAN
by Dillon Ripley (2nd edition)

This definitive work on bird taxonomy of the Indian region is a standard reference book for any study on Indian birds. The revised 2nd edition now in press is expected to be ready by end 1981.

SOME BEAUTIFUL INDIAN CLIMBERS AND SHRUBS
by Bor & Raizada (2nd edition)

This popular treatise on the wild and cultivated shrubs and climbers occurring in India is an excellent ready reference for members and others interested in the country's flora and the indigenous and exotic cultivars. The second edition, now in the press, is expected to be ready by the end of 1981.

ENCYCLOPEDIA OF INDIAN NATURAL HISTORY,
Centenary Publication, 1883-1983 :

It has been decided to entrust the publication of the Encyclopedia to the Oxford University Press, which should ensure a high standard of accuracy, a handsome book, and wide distribution. The Encyclopedia is meant for the general reader and particularly for students in schools and colleges. It should rouse their interest in the natural environment, making them aware and appreciative of rivers, rocks, plants and animals, and all other forms of life around them. Work is proceeding satisfactorily and we hope to bring out the Encyclopedia in time.

A Century of Natural History :

This book will consist of a selection of articles from the Society's Journal published during the hundred years of its existence. The selection will cover general natural history, expeditions and explorations, hunting, fishing, conservation, wildlife photography, mammals, birds, reptiles, fishes, insects, other invertebrates and botany.

CONSERVATION

The Society is recognised by the Central and State Governments in India and by International Organisations abroad as an authoritative source for information on conservation of wild life and natural resources.

This recognition is expressed in the form of association of its officials with State and Central Wildlife advisory boards and representation on the specialist groups of the Species Survival Commission of the International Union for the Conservation of Nature and Natural Resources. More positive recognition is the sanction of funds for the study of endangered species of wildlife (see under projects).

Silent valley :

The Society continued to support the campaign for the preservation of the Silent Valley in collaboration with Save Silent Valley Committee and other organisations.

Asian Elephant Specialist Group :

The Species Survival Commission's Asian Elephant Group, which has the Society's Curator as chairman, continued to be active in organising conservation action and protection measures for the elephant in India and in assessing the data obtained from the surveys. The studies are being funded by the World Wildlife Fund.

SEMINARS AND CONFERENCES

The Curator attended meetings of the Species Survival Commission of the IUCN at Sri Lanka, Kenya and U.S.A.

MEMBERS' ACTIVITIES

Field Research :

Assistance was given to two members of the Society Dr. A. J. Gaston and Mr. Vivek Matthai for a survey of Pheasant Status in the Western Himalayas.

Solar Eclipse and wildlife :

M/s. H. K. Divekar and S. R. Amladi with Society's staff investigated the effects of the total solar eclipse on wildlife. Their report is that the effect is negligible.

Bonnet Macaque/Rhesus Macaque Range Boundary :

Dr. Jack Fooden of the Chicago Natural History Museum, a member of the Society assisted by the Society's Staff investigated the range boundaries of the two species of macaques. His report will be published in a future issue of the Society's Journal, for 1981.

Bird counts :

The monthly roadside count of birds at the Borivli National Park on the last Sunday of each month was continued. Apart from the collection of data to record the fluctuations in the bird fauna the main aim is to introduce members to bird watching.

Nature walks :

This programme also assists in recruiting more members for the Society and in fostering interest in natural history among members and others.

Nature walks were organised in Borivli National Park and elsewhere for bird-watching, vegetation studies and general natural history. A large number of members participated.

Nature Camp :

A camp was organised from 15 September-1st October, in Manali, 87 members participated. The camp was organised by Shri Lavkumar Khacher, a member of the Advisory Committee.

RESEARCH & OTHER ACTIVITIES FUNDED FROM FIELD WORK FUNDS

The field work funds available at the Society supported the following activities :

Sálím Ali/Loke Wan Tho Ornithological Research Fund :

During the year the fund supported the field studies of two research students. Mr. S. A. Yahya studied 'The Ecology of Barbets' and Mrs. K. R. Lalitha studied 'Comparative Ecology of Drongos with special reference to Ecological isolation among them'. Mr. Yahya completed his studies during the year. The fund also supported the search for the frog-mouth in Kerala a species of bird hitherto considered rare and whose ecology needs to be studied.

Sálím Ali Nature Conservation Fund :

In addition to subsidising the publication of the Hornbill and purchasing books for the library, the following field projects were funded.

(a) *Survey of Agastyamalai Hills in Tamil Nadu—a potential biosphere reserve*: A proposal by Dr. Rauf Ali to survey the Agastyamalai as a potential site for a second biosphere reserve in the Sahyadris Biogeographic Province was funded. A report is awaited.

(b) *Andaman Survey—Jan.-Mar. 1980 :*

At the instance of Dr. Sálím Ali, the Society organised an ecological survey team consisting

of young biologists to spend about two months in the islands to collect data and assess the status of various life forms on certain selected islands. The trip was financed from a grant from the Sálím Ali Nature Conservation Fund. The emphasis of the study was to be (i) gathering of ecological data (ii) Status of endangered species and (iii) collection of biological specimens of scientific interest.

Special attention was to be paid to rare and endangered species like the Andaman Teal, Narcondam Hornbill and Megapode and also to the synecology of the outlying islands such as Narcondam, Landfall, East, Interview, North Reef, South Sentinel, Battye Malve and certain others of the Nicobar group. An assessment of the various development activities in progress and their possible impact on the fauna and flora were to be studied as also, problems connected with the organisation, control and conservation of habitats and wildlife.

(c) *Sarus Crane Study* : Mr. Prakash Gole was funded for a study of the breeding behaviour of the Sarus at Bharatpur.

(d) *Siberian Crane Study* : Assistance was given to Mr. Yado Mohan Rai, a member from Meerut to investigate possible alternate winter habitats of the Siberian Crane in India. None of the areas visited in U.P. showed any indication of being used by this Crane.

Pirojsha Godrej Fund :

Conservation Education : Assistance was given to Mr. Ulhas Rane to spread the message of Conservation in the Dhule area with the help of a local social organisation, the Jan-Vidyan Kendra.

Solar Eclipse Study : The study of effects of total solar eclipse of 16th February, 1980, on wildlife was supported by a grant from the fund.

Col. Burton Fund :

Solar Eclipse study : A second group led by Mr. Ulhas Rane was funded to study the effects of the solar eclipse on 16th February 1980, on wildlife in the Ratnagiri area.

**RESEARCH FUNDED BY GOVERNMENT &
GOVERNMENTAL AGENCIES**

Computer Analysis of Bird Banding Data :

The Tata Institute of Fundamental Research which is collaborating in this programme reported that the entire bird banding data (approximately one lakh thirty thousand records) keyed into the data files have been validated. Retrieval programmes specified by the Bombay Natural History Society has been tried out and the first level reports are ready. The successful run of these programmes suggest the overall validity of the data as far as the data formats and range checks are concerned. It is now possible to extract further reports from these data easily ; but effective utilisation of this facility calls for the availability of the service of a programmer for the Bombay Natural History Society.

We are now seeking a suitable programmer for proper utilisation of the data.

**An Ecological Reconnaissance of Vedaranyam
Swamp, Thanjavur Dist., Tamil Nadu :**

The Vedaranyam—Muthupet—Adhirampattinam swamp—belt is one of the major and important refuges of migratory as well as resident water birds in the peninsula. Every winter (October-March) over 90 species of birds (both Passerine and wading) arrive and spread along the swamps and forested tracts along the seaboard. The State Government has proposed to develop the entire 24,000 hectare swamp as an integrated marine chemi-

cal complex, and as an expression of its anxiety about the possible ill effects of such a project on the ecology of the area had asked the Society to undertake a study.

The study had Prof. Neelakantan, a life member of the Society and a well known ornithologist, as field investigator.

The major recommendation made on the basis of a year's data was that in developing the Salt Complex the greatest possible care should be taken to see that in the area set apart for the birds the natural flux (the existing cycles) of the water and fluctuations in salinity, pH value etc. are not altered in any manner.

**Studies on the movement and population structure
of Indian Avifauna :**

This project financed by PL-480 funds received through the Ministry of Agriculture, Govt. of India, plans to investigate the ecology of the bird fauna of selected biotopes, particularly their migratory movements. The main study areas are Keoladeo Ghana, Bharatpur (Rajasthan) and Point Calimere Sanctuary in Tamil Nadu. The study has commenced with Dr. Sálím Ali as Principal Investigator and Mr. S. A. Hussain as Project Scientist.

The programme of work will extend initially over a period of five years.

**Hydrobiological (Ecological) Research Station,
Keoladeo Ghana Sanctuary, Bharatpur, Rajasthan :**

This project plans to study the ecology of the large numbers and variety of water bird species breeding at the Ghana and assembling during winter. The proposed research station would be the first of its kind in India and the research conducted there would provide a basis for research and management of other important waterfowl reserves in the country.

The project has Dr. Sálím Ali as Principal Investigator and Dr. Robert Grubh as Co-investigator.

The programme is originally for five years, but we hope to establish the research station on a long-term basis.

An Ecological Study of Bird Hazards at Indian Aerodromes :

Birds are known to cause slight to severe damage occasionally to aircraft and occupants through accidental encounters. With the advent of faster planes with lesser preceding noise bird strikes have increased, resulting in increased hazards to safe operation of aircraft besides heavy financial losses.

The specific aims of the project were :

1. To identify all bird species that are potentially hazardous to aircraft in and around an aerodrome.
2. To study the habits and basic ecological requirements of these bird species and find out the reasons for their occurrence in and around the aerodrome.
3. To evolve ways to discourage the 'problem birds' from frequenting the airfield and the entire air space used by aircraft in and around aerodromes, on a long-term basis.

The project which is funded by the Aeronautics Research and Development Board of the Ministry of Defence has Dr. Sálím Ali as Principal Investigator and Dr. Robert Grubh as Executive Investigator.

APPROVED PROJECTS

Ecology of Endangered Species and their habitats :

Approval of the Government of India for funding from PL-480 funds for the study has

been received. We plan to investigate the Great Indian Bustard and the Asian Elephant.

DONATIONS

	Rs. P.
Col.A.C.Moore for Sálím Ali Nature Conservation Fund ..	5,269.00
Pirojsha Godrej Foundation for Sálím Ali Nature Conservation Fund ..	5,000.00
Dr. Sálím Ali for Sálím Ali Nature Conservation Fund ..	18,000.00
Darbar Shri Alakhachar Public Trust, Jasdan for Sálím Ali Nature Conservation Fund ..	3,000.00
Sir Dorabji Tata Trust for Silent Valley Conservation ..	5,000.00
Pirojsha Godrej Foundation for Silent Valley Conservation ..	5,000.00
Messrs Glaxo Laboratories for Silent Valley Conservation ..	4,000.00
Chetak Trust, Udaipur for Silent Valley Conservation ..	5,000.00
Miss Diana Ratnagar, Beauty without Cruelty for Silent Valley Conservation ..	2,000.00
Mrs. Perin M. R. B. Jeejeebhoy for Silent Valley Conservation ..	1,000.00
Mr. G. V. Bedekar for General Fund	1,000.00
Dr. A. N. D. Nanavati for Staff Welfare Fund ..	400.00
Mr. M. J. Dastur for General Fund	25.00
Mr. M. G. Diwan for General Fund	25.00
Amount collected at the exhibition of Rotary Club for General Fund	195.00
Amount collected at the Snake exhibition ..	70,000.00

Donations to the Society of more than Rs. 250 qualify for reduction of incometax under section 80 G of the Incometax Act 1961.

REFERENCE COLLECTION

During the year under reference 1073 specimens were registered into the collections.

Mammals	46
Birds	990
Reptiles	36
Amphibians	1
Total	1073

Among these the following species of birds, were additions to the collections :

1. *Spelaeoris formosus*
2. *Myzornis pyrrhoura*
3. *Pteruthius rufiventer*
4. *Yuhina bakeri*
5. *Orthotomus cucullatus*
6. *Abroscopus schisticeps*
7. *Abroscopus hodgsoni*
8. *Certhia nipalensis*
9. *Carduelis thibetana*
10. *Loxia curvirostra*
11. *Propyrrhula subhimachala*
12. *Pyrrhoplectes epauletta*

NATURE EDUCATION SCHEME

The Nature Education Scheme started by the Society as a pioneering effort in 1948 continues to be active among the schools of the city. Considering the large student population in the city and number of schools (over 387), the effect that the Nature Education Organiser, can produce working single handed is limited. However, the main thrust of our efforts has been to arrange for the exposure of the urban children to nature in the wild. Apart from introductory slide shows, the children were taken on day field trips to Borivli National Park which is indeed a very convenient wilderness school for Bombay students. In 1980 the snake exhibition organised by the Society

proved a very useful aid and 20,000 students of 300 schools were taught the natural history of reptiles.

SNAKE EXHIBITION

The Snake Exhibition organised at Cross Maidan, Bombay by Mr. H. K. Divekar of the Executive Committee and Mr. P. B. Shekar of the Society's staff was extremely popular with the citizens of Bombay. The half hourly lecture by the Society's librarian Mr. I. D. Kehimkar on snakes and their natural history illustrated with live examples enhanced the value of the programme and was very well received. Approximately 2,36,000 people visited the exhibition, yielding a revenue of Rs. 1,80,000.

REPAIRS TO HORNBILL HOUSE

During repairs to the roof in 1979, it was noticed that seepage had severely damaged the concrete roof slabs and these required strengthening involving considerable expenditure. Before arrangements could be made the rains broke and with great difficulty the library was saved from extensive damage by the quick action of the staff.

There was prompt response to our appeal for assistance from the Chief Minister, Maharashtra and the Department of Science & Technology, Govt. of India and the repairs are in progress.

MEETINGS

January, 17 : *Slide show :*

Point Calimere Nature Camp.

January, 26 & 27 : *Nature Camp :*

Kanchad Forests.

February, 10 : *Nature Camp ;*

Yewoor Road.

March, 29 & 30 : *Nature Camp* :
Lonavla.

April, 18 : *Talk* :
'A look at the Andamans' by Mr. S. A.
Hussain.

April, 27 : *Nature Walk* :
Cheena Creek.

June, 28 & 29 : *Nature Camp* :
Karnala Bird Sanctuary.

July, 13 : *Nature Walk* :
Chinchota Falls.

August, 10 : *Nature Camp* :
Ransai Dam.

August, 17 : *Field Trip* :
Walwan Dam (Lonavla).

September, 28 : *Nature Walk* :
Kanhari Caves.

October, 12 : *Field Trip* :
Elephanta.

November, 6 : *Talk* :
'Birds of East Africa' by Mr. John Karmali.

December, 14 : *Nature Walk* :
Powai Lake.

REVENUE AND ACCOUNTS

The financial situation of the Society has improved. After many years of deficit, the year's working showed a small surplus, after wiping out the accumulated deficit.

STAFF

The Committee wishes to record its appreciation of the willing cooperation of the staff in the activities of the Society, and of the extra efforts willingly made by them to save the Library during early monsoon.

BOMBAY NATURAL HISTORY SOCIETY

BOMBAY PUBLIC TRUSTS ACT, 1950

SCHEDULE VIII VIDE RULE 17 (1)

BALANCE SHEET FOR THE YEAR ENDED 31ST DECEMBER 1980

FUNDS AND LIABILITIES	Rs.	P.	Rs.	P.	ASSETS	Rs.	P.	Rs.	P.
<i>Trust Fund or Corpus:</i>					<i>Immovable Properties:</i>				
<i>Life Membership Fund (Individual):</i>					<i>Investments (At appropriated value):</i>				Nil
Balance as per last Balance Sheet	1,40,384.03				50, 8% convertible bonds each of Rs. 100 of Ahmedabad Manufacturing and Calico Printing Co. Ltd. Ahmedabad (fully paid) ..	2,130.20			
Add: Amount received during the year ..	26,950.00		1,67,334.03						
<i>Corporate Life Membership Fund:</i>					202, 8% redeemable bonds each of Rs. 116 of Ahmedabad Manufacturing and Calico Printing Co. Ltd. Ahmedabad (fully paid) ..	9,982.95			
Balance as per last Balance Sheet	23,700.00				<i>Government Securities (At Cost):</i>				
Add: Amount received during the year ..	10,500.00		34,200.00		3% conversion loan 1946/86 of the face value of Rs. 25,000 ..	25,000.00			
<i>Fixed Assets Fund:</i>					5½% Govt. of India Loan 2000 of the face value of Rs. 2,000 ..	2,000.00			
Balance as per last Balance Sheet	1,00,890.25				In Fixed Deposit with Maharashtra State Road Transport Corporation	80,000.00		1,19,113.15	
Less: Transferred from Income and Expenditure account on account of depreciation for the year ..	12,061.52								
<i>General Reserve Fund:</i>					<i>Motor Cars, Motor Cycle & Autocycle:</i>				
Balance as per last Balance Sheet			37,952.71		Balance as per last Balance Sheet	7,436.03			
<i>Building Fund:</i>					Less: Motor Car MRF 6591 sold during the year ..	3,686.78			
Balance as per last Balance Sheet			4,697.68						
<i>Publication Fund:</i>					Less: Depreciation during the year	3,749.25			
Balance as per last Balance Sheet	94,665.62					749.83		2,999.42	
Add: Sale proceeds of Glimpses of Nature Booklets published under WWF/Volkart Foundation grant	1,913.25		96,578.87						
Carried over ..			4,29,592.02		Carried over ..			1,22,112.57	

BALANCE SHEET FOR THE YEAR ENDED 31ST DECEMBER 1980—(cont).

FUNDS AND LIABILITIES		Rs.	P.	Rs.	P.	ASSETS		Rs.	P.	Rs.	P.
Brought over	..	4,29,592.02				Brought over	..			1,22,112.57	
<i>Other Earmarked Funds :</i>						<i>Furniture Fixture & Equipment :</i>					
As per Schedule 'A'	..	21,03,157.85				Balance as per last Balance Sheet	..	98,789.19			
						Add : Purchases during the year	..	4,013.50			
								1,02,802.69			
						Less : Sold during the year	..	10,000.00			
								92,802.69			
						Less : Depreciation during the year		11,311.69			
										81,491.00	
<i>Staff Gratuity Fund :</i>						<i>Loans (Unsecured considered good) :</i>					
Transferred from Income and Expenditure account for the year	..	80,000.00				To employees	..			1,190.00	
<i>Provision for Capital Losses :</i>						<i>Advances (Unsecured considered good) :</i>					
Balance as per last Balance Sheet	..	4,528.38				To employees	..	1,05,293.61			
						To others	..	12,792.28			
<i>Provision for Depreciation on Investments :</i>						To Nature Education Scheme	..	2,289.08			
Balance as per last Balance Sheet	..	9,266.10								1,20,374.97	
<i>Liabilities :</i>						<i>Stocks :</i>					
For expenses	..	84,005.91				(a) Publications as per inventory taken & certified by the Honorary Secretary	..	2,38,583.25			
For advance subscriptions	..	7,169.75				(b) Cost of Publication under preparation :					
For sundry credit balance	..	22,295.68				1. Synopsis of Birds of India & Pakistan	..	556.50			
For library deposit	..	500.00				2. Bundle of Feathers	..	10,304.23			
										2,49,443.98	
<i>Income and Expenditure Account :</i>						<i>Income Outstanding :</i>					
Excess of income over expenditure brought over from income and expenditure account	..	75,739.22				Interest accrued	..	39,296.77			
Less : Deficit as per last Balance Sheet	..	75,717.95				Supplies & services	..	91,335.86			
						Grant Govt. of Maharashtra for 1980-81	..	1,09,710.00			
						Grant Govt. of India Dept. of Science & Technology for 1980-81	..	2,20,000.00			
										4,60,342.63	
Carried over	..	27,40,536.96				Carried over	..			10,34,955.15	

FUNDS AND LIABILITIES		Rs.	P.	Rs.	P.	ASSETS	Rs.	P.	Rs.	P.
Brought over	..	27,40,536.96		Brought over	..				10,34,955.15	
				<i>Income Tax Refundable :</i>					776.00	
				<i>Cash and Bank Balances :</i>						
				(a) <i>In Current account with :</i>						
				1. Grindlays Bank Ltd., Bombay	..		1,86,300.50			
				2. Grindlays Bank Ltd., London (£1138.20)	..		20,487.60			
				3. Chartered Bank, Bombay			98,027.77			
				<i>In Savings account with :</i>						
				1. Grindlays Bank Ltd., Bombay	..		42,110.66			
				2. Bank of India, Museum Savings Branch, Bombay			41,125.84			
				3. Bank of Baroda, University Branch, Bombay	..		2,97,753.44			
				(b) <i>In Fixed Deposit with :</i>						
				1. Bank of India (consisting of Rs. 36,000 of Sálím Ali/Loke Wan Tho Ornithological Research Fund and Rs. 3,000 for Col. Burton's Nature Conservation Fund)	..		39,000.00			
				2. Chartered Bank, Bombay (including Rs. 40,000 of Sir Pirojsha Godrej Foundation Fund and Rs. 61,136 of Sálím Ali/Loke Wan Tho Ornithological Research Fund)	..		4,00,000.00			
Carried over	..	27,40,536.96		Carried over	..		11,24,805.81		10,35,731.15	

BALANCE SHEET FOR THE YEAR ENDED 31ST DECEMBER 1980—(contd.)

FUNDS AND LIABILITIES	Rs.	P.	Rs.	P.	ASSETS	Rs.	P.	Rs.	P.
Brought over	..		27,40,536.96		Brought over	..		10,35,731.15	
					Cash and Bank Balances—(contd.)		11,24,805.81		
					3. Grindlays Bank Ltd., Bombay (including Rs. 29,973 of Charles McCann Vertebrate Zoo- logy Field Work Fund)		55,000.00		
					(c) In Monthly Certificate with :				
					Bank of India, consisting of Rs. 1,25,000 of Sâlim Ali/Loke Wan Tho Ornithological Re- search Fund and Rs. 3,93,751 of Sâlim Ali Nature Conser- vation Fund	..	5,25,000.00		17,04,805.81
Total	..		27,40,536.96						27,40,536.96
Sd./-SÂLIM ALI, President, Bombay Natural History Society		Sd./-A. N. D. NANAVATI Honorary Secretary, Bombay Natural History Society		Sd./-C. V. KULKARNI Honorary Treasurer, Bombay Natural History Society		As per our report of even date Sd./-HABIB & Co. Chartered Accountants			

BOMBAY, 6th November, 1981.

BOMBAY NATURAL HISTORY SOCIETY
SCHEDULE FORMING THE PART OF BALANCE SHEET AS AT 31ST DECEMBER 1980

A.G.M. 1980-81—PROCEEDINGS AND ACCOUNTS

<i>Name of the Fund/Grant</i>	<i>Balance as per last Balance Sheet</i>	<i>Additions/ Amounts received during the year</i>	<i>Transfers from other Funds</i>	<i>Total columns 2, 3 & 4</i>	<i>Spent/ returned during the year</i>	<i>Refunds/ Adjust-ments</i>	<i>Total of columns 6 & 7</i>	<i>Balance as at 31st December 1980 (5 minus 8) (9)</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
(1) Field Work Fund (Sir Dorabji Tata Trust)	299.14	3,000.00	..	3,299.14	210.00	..	210.00	3,089.14
(2) Staff Welfare Fund	3,244.33	8,000.00	..	11,244.33	..	..	..	11,244.33
(3) Sâlim Ali/Loke Wan Tho Ornithological Research Fund	2,21,136.52	..	..	2,21,136.52	..	..	..	2,21,136.52
(4) Col. Burton's Nature Conservation Fund	4,775.34	300.00 (interest)	..	5,075.34	1,254.40	..	1,254.40	3,820.94
(5) Charles McCann Vertebrate Zoology Field Work Fund	29,973.03	600.00 231.00* 2,997.30 (interest)	..	33,801.33	267.98	..	267.98	33,533.35
(6) Scholarship Fund under Sâlim Ali/Loke Wan Tho Ornithological Research Fund Investment	9,813.53	22,113.65 (interest)	..	31,927.18	20,876.73	..	20,876.73	11,050.45
(7) Grant Govt. of India, Dept. of Science & Technology (Computer Analysing of Bird Banding Data) 1978-79 & 1980-81	12,852.61	84,000.00	..	96,852.61	54,330.30	..	54,330.30	42,522.31
(8) Grant Govt. of India, Dept. of Science & Technology for Encyclopedia of Indian Natural History 1979-80 contd.	5,830.65	..	3,291.95 (from BNHS)	9,122.60	9,122.60	..	9,122.60	..
Carried over	2,87,925.15	1,21,241.95	3,291.95	4,12,459.05	86,062.01	..	86,062.01	3,26,397.04

BALANCE SHEET FOR THE YEAR ENDED 31ST DECEMBER, 1980—(Contd.)

Name and Fund/Grant (1)	Balance as per last Sheet (2)	Additions/ Amounts received during the year (3)	Transfers from other funds (4)	Total of columns 2,3,&4 (5)	Spent/ returned during the year (6)	Refunds/ Adjust- ments (7)	Total of columns 6&7 (8)	Balance as at 31st December 1980 (5 minus 8) (9)
Brought over	2,87,925.15	1,21,241.95	3,291.95	4,12,459.05	86,062.01	..	86,062.01	3,26,397.04
(9) Grant Govt. of India, Dept. of Sc. & Techn. for Publication of some Beautiful Climbers & Shrubs 1977-78, contd. 1978-79, contd. 1979-80, contd. 1980-81	35,716.34	..	..	35,716.34	..	..	..	35,716.34
(10) Grant Govt. of India, Dept. of Sc. & Tech. for Building Repairs 1980-81	..	2,00,000.00	..	2,00,000.00	..	..	..	2,00,000.00
(11) Field Work Fund under Pirojsha Godrej Foundation	40,000.00	..	..	40,000.00	..	..	..	40,000.00
(12) Field Work Fund under Piroj- sha Godrej Foundation	1,875.54	4,000.00 (interest)	..	5,875.54	3,976.00	..	3,976.00	1,899.54
(13) Projector Fund received from members	1,414.16	..	..	1,414.16	446.12	..	446.12	968.04
(14) Sálím Ali Nature Conservation Fund	3,75,751.66	18,000.00	..	3,93,751.66	..	..	..	3,93,751.66
(15) Conservation Fund under Sálím Ali Nature Conserva- tion Fund Investment	29,337.87	38,575.15 (interest)	..	67,913.02	59,682.91	..	59,682.91	8,230.11
(16) IUCN/Elephant Survey Grant	11,743.47	..	5,224.19 (BNHS)	16,967.66	16,967.66	..	16,967.66	..
Carried over	7,83,764.19	3,81,817.10	8,516.14	11,74,097.43	1,67,134.70	..	1,67,134.70	10,06,962.73

Name of the Fund/Grant	(1)	Balance as per last Balance Sheet	(2)	Additions/ Amounts received during the year	(3)	Transfer from other Funds	(4)	Total of columns 2, 3 & 4	(5)	Spent/ returned during the year	(6)	Refunds/ Adjustments	(7)	Total of columns 6 & 7	(8)	Balance as at 31st December 1980 (5 minus 8)	(9)
Brought over	..	7,83,764.19	..	3,81,817.10	..	8,516.14	..	11,74,097.43	..	1,67,134.70	..	..	..	1,67,134.70	..	10,06,962.73	..
(17) Indian Institute of Science, Bangalore for publication of Special Issue of Journal	..	26,366.00	..	..	..	..	..	26,366.00	..	26,366.00	..	..	..	26,366.00	..	..	..
(18) Sâlim Ali Conservation Fund for Salient Valley Campaign expenses	..	1,168.06	..	22,000.00	..	2,294.27 (BNHS)	..	25,462.33	..	25,462.33	..	..	..	25,462.33	..	..	..
(19) Col. A. C. Moore Conservation Fund	..	..	..	5,269.00	..	..	..	5,269.00	..	..	..	..	..	..	..	5,269.00	..
(20) Grant Govt. of Maharashtra :																	
(1) Grant for 1979-80 Establishment & Building Maintenance	..	48,727.90	..	..	..	..	..	48,727.90	..	48,210.38	..	..	..	48,210.38	..	517.52	..
(2) Grant for 1980-81 Establishment & Building Maintenance	..	..	..	1,05,710.00	..	..	..	1,05,710.00	..	69,358.92	..	..	..	69,358.92	..	36,351.08	..
(3) Grant for 1980-81 for Building Repairs	..	..	..	2,95,000.00	..	..	..	2,95,000.00	..	45,965.04	..	..	..	45,965.04	..	2,49,034.96	..
(21) Grant Govt. of India, Ministry of Defence, Aeronautical Research & Dev. Board for An Ecological Study of Bird Hazard at Indian Aerodromes	..	..	..	5,01,342.00	..	..	..	5,01,342.00	..	3,79,119.05	..	..	..	3,79,119.05	..	1,22,222.95	..
Carried over	..	8,60,026.15	..	13,11,138.10	..	10,810.41	..	21,81,974.66	..	7,61,616.42	..	..	..	7,61,616.42	..	14,20,358.24	..

BALANCE SHEET FOR THE YEAR ENDED 31ST DECEMBER, 1980—(Contd.)

Name of the Fund/Grant	(1)	Balance as per last Balance sheet	(2)	Additions received during the year	(3)	Transfers from other Funds	(4)	Total of columns 2, 3 & 4	(5)	Spent / returned during the year	(6)	Refunds / Adjustments	(7)	Total of columns 6 & 7	(8)	Balance as at 31st December 1980 (5 minus 8) (9)
Brought over	..	8,60,026.15	13,11,138.10	10,810.41	21,81,974.66	7,61,616.42	..	7,61,616.42	14,20,358.24							
(22) Grant from U.S. Dept. of the Interior Fish & Wildlife Service-National Park :																
(1) Studies on the movement & population structure of Indian avifauna	..	..	7,43,287.28	..	7,43,287.28	6,18,053.10	..	6,18,053.10	1,25,234.18							
(2) Hydrobiological (Ecological) Research Station at Keoladeo Ghana Sanctuary, Bharatpur	..	..	6,16,544.00	..	6,16,544.00	71,631.40	..	71,631.40	5,44,912.60							
(23) Grant from Tamil Nadu Salt Corporation Ltd., Madras for the study of Ecological Reconnaissance of Vedaranyam Swamp	..	..	47,500.00	..	47,500.00	34,847.17	..	34,847.17	12,652.83							
Total		8,60,026.15	27,18,469.38	10,810.41	35,89,305.94	14,86,148.09	..	14,86,148.09	21,03,157.85							

BOMBAY NATURAL HISTORY SOCIETY

BOMBAY PUBLIC TRUSTS ACT 1950

SCHEDULE IX [VIDE RULE 17(1)]

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER 1980

EXPENDITURE	Rs.	P.	Rs.	P.	INCOME	Rs.	P.	Rs.	P.
<i>To Expenses in respect of Properties :</i>					<i>By Rent : (Accrued & realised)</i>				
" Rates, taxes and cesses/Repairs & maintenance : Met out of Grant Govt. of Maharashtra for 1980-81			45,965.04		" Interest (Accrued & realised) :				
					On Securities			3,134.56	
					On Fixed deposits			1,16,515.38	
					Add : refund of income tax			1,961.00	
" <i>Building Maintenance Expenses :</i>									1,21,610.94
(As per contra) Met out of the Maharashtra Govt. grant for 1979-80			2,663.95		" <i>Donations general in cash :</i>				1,245.00
For 1980-81			10,504.97		" <i>Donations towards specific purpose :</i>				
					Charles McCann Vertebrate Zoology Field Work Fund			600.00	
" <i>Establishment Expenses :</i>					Sálim Ali Nature Conservation Fund			18,000.00	
Salaries including D.A. etc. (As per contra) from Govt. of Maharashtra grant for 1979-80			45,546.43		Sálim Ali Nature Conservation Fund for Silent Valley Campaign expenses			22,000.00	
For 1980-81			58,853.95		Conservation Fund from Col. A. C. Moore			5,269.00	
Salaries including D.A. etc. (other than above)			1,94,339.58		Sir Dorabji Tata Trust for Field Work Fund			3,000.00	
Society's contribution to Staff Provident Fund			10,950.00		Staff Welfare Fund			500.00	
Ex-gratia payment to retired employees			1,093.50						49,369.00
Postages			4,297.15		" <i>Grants :</i>				
Printing & Stationery			12,344.98		(a) <i>Govt. of Maharashtra :</i>				
Advertisement			834.00		1. For 1980-81 Establishment & Building Maintenance			1,05,710.00	
Telephone Rental & call charges			3,022.50		2. For 1980-81 Educational Activity			4,000.00	
Bank Charges			993.45		3. For 1980-81 Building			2,95,000.00	
Meeting expenses including talks, film shows etc.			2,500.15						
Carried over			3,34,775.69		Carried over			4,04,710.00	
									1,72,224.94

INCOME AND EXPENDITURE ACCOUNT—(Contd.)

EXPENDITURE		Rs.	P.	Rs.	P.	INCOME		Rs.	P.	Rs.	P.
Brought over				59,133.96		Brought over					
<i>To Establishment Expenses (Contd.):</i>				3,34,775.69		<i>By Grants (Contd.)</i>				4,04,710.00	
Conveyance & travelling expenses				3,516.64		(b) <i>Govt. of India:</i>					
Motor cars, Motor Cycles repairs & maintenance				4,083.77		1. Dept. of Science & Technology for 1980-81 Journal printing expenses				20,000.00	
<i>To Audit fees:</i>						2. For 1980-81 Bird Data Computer Analysing Study				84,000.00	
Amount written off:						3. For 1980-81 Building Repairs				2,00,000.00	
Bad debts						(c) <i>Govt. of India (Ministry of Defence) Aeronautical Research & Development Board:</i>					
<i>Miscellaneous expenses:</i>						For 1980-81 An Ecological Study of Bird Hazard at Indian Aerodromes				5,01,342.00	
General Charges				2,231.86		(d) <i>Indian National Science Academy:</i>					
Insurance premium				166.00		For 1980-81 Journal printing expenses				5,000.00	
Repairs to Furniture & Equipment				3,831.06		(e) <i>Tamil Nadu Salt Corpn. Ltd.:</i>					
Local labour				750.00		For 1980-81 Ecological Reconnaissance of Vedaranyam Swamp				47,500.00	
<i>Depreciation:</i>						(f) <i>US Dept. of the Interior Fish & Wildlife Service-National Park:</i>					
On furniture & equipment				11,311.69		1. For studies on the movement & population structure of Indian avifauna				7,43,287.28	
On motor cars, motor cycle & auto cycle				749.83		2. For Hydrobiological (Ecological) Research Station at Keoladeo Ghana Sanctuary, Bharatpur				6,16,544.00	
<i>Amounts transferred to Reserve or specific funds:</i>						Carried over				27,94,608.22	
Grants transferred to relevant funds				25,93,383.28							
Donations towards specific funds transferred to relevant account in the Balance Sheet				49,369.00							
Sale proceeds of Glimpses of Nature Booklet transferred to Publication Fund				1,913.25							
Sale proceeds of Checklist of Birds of Maharashtra transferred to Charles McCann Vertebrate Zoology Field Work Fund				231.00							
Interest on fixed deposits transferred to respective funds				67,986.10							
Carried over				27,12,882.63							
				31,35,658.17							

INCOME AND EXPENDITURE ACCOUNT—(Contd.)

EXPENDITURE	Rs.	P.	Rs.	P.	INCOME	Rs.	P.	Rs.	P.
Brought over	..		32,23,158.17		Brought over	..		29,92,305.60	
To Expenses on objects of the Trust : (contd.)	..	32,239.65	84,329.63		" Miscellaneous Income :				
(d) Grants to research projects	..	19,118.62			Fees for the use of Society's trans- parencies	..	3,600.00		
(e) Other expenses					Other receipts including Society's share of snake exhibition	..			
Met out of interest on Salim Ali Nature Conservation Fund investment	..	8,324.64			receipts Rs. 70,000	..	70,753.85		74,353.85
5. Expenses on IUCN/WWF			59,682.91						
Elephant Survey : Met out of grant from IUCN/WWF	..		16,967.66		By Administrative Fees :				
6. Expenses for field research under interest on Sir Pirojsha Godrej Foundation Fund investment			3,976.00		For handling various funds during the year debited to respective funds	..		1,33,403.74	
7. Expenses for field research under Charles McCann Vertebrate Zoology Field Work Fund	..		267.98		" Profit on Foreign Exchange :				
8. Expenses incurred on film projector	..		446.12		Due to change in exchange rates on our account with Grindlays Bank Ltd., London	..		219.60	
9. Expenses on field studies under Dorabji Tata Field Work Fund	..		210.00		" Profit on Sale of Jeep MRF 6591	..	4,313.22		
10. Expenses on Silent Valley Campaign : Met out of Salim Ali Nature Conservation Fund	..		25,462.33		" Income on Hire Charges of Jeep to Project :				
					An ecological study of bird hazard at Indian aerodromes	..	24,100.00		28,413.22
					" Transfer to Specific Funds :				
					Depreciation on fixed assets transferred to Fixed Assets Fund (as per contra)	..	12,061.52		
Carried over	..	1,91,342.63	32,23,158.17		Carried over		12,061.52		32,28,696.01

EXPENDITURE	Rs.	P.	Rs.	P.	INCOME	Rs.	P.	Rs.	P.
<i>To Expenses on objects of the Trust :</i>									
Brought over ..			32,23,158.17		Brought over ..			32,28,696.01	
<i>(contd.) ..</i>					<i>By Transfer to Specific Funds</i>				
11. An ecological study of bird	1,91,342.63				(Contd.) ..	12,061.52			
hazards at Indian aerodromes, met out of grant received from Aeronautical Research & Development Board, Govt. of India, Ministry of Defence ..					Expenditure on Establishment & Building Maintenance transferred to Govt. of Maharashtra grant (as per contra) for 1979-80 for 1980-81	48,210.38			
	3,79,119.05				Expenses on Building repairs transferred to Govt. of Maharashtra grant (as per contra) ..	69,358.92			
						45,965.04			
12. Studies on the movement and population structure of Indian avifauna : Met out of grant from U.S. Dept. of the Interior, Fish & Wildlife Service, National Park ..					Expenses on specific objects transferred to relevant funds/grants (as per contra) ..	13,22,613.75		14,98,209.61	
13. Hydrobiological (Ecological Research Station at Keoladeo Ghana Sanctuary, Bharatpur : Met out of grant from U.S. Dept. of the Interior Fish & Wildlife Service, National Park) ..	6,18,053.10								
			71,631.40						
14. Expenses on Special issue of Journal : Met out of grant from Indian Institute of Science, Bangalore ..									
			26,366.00						
15. Expenses under Col. Burton's Nature Conservation Fund. ..									
			1,254.40						
16. Expenses for Ecological Reconnaissance of Vedaranyam Swamp : Met out of grant from Tamil Nadu Salt Corporation Ltd. ..									
			34,847.17						
			13,22,613.75						
Carried over ..			45,45,771.92		Carried over ..			47,26,905.62	

INCOME AND EXPENDITURE ACCOUNT—(Contd.)

EXPENDITURE	Rs.	P.	Rs.	P.	INCOME	Rs.	P.	Rs.	P.
Brought over ..			45,45,771.92		Brought over ..				47,26,905.62
(b) <i>Journal expenses</i> 1,16,590.45									
Less : Met from Indian Inst. of Science, Bangalore as shown above 26,366.00									
(c) Field study programme & other local field study trips 90,224.45									
(d) <i>Library Account :</i>									
Subscription to other Societies 2,026.80									
Purchase of Books 6,999.34									
Book binding expenses 2,036.35									
Less : Met from Salim Ali Nature Conservation Fund investment as shown above 11,062.49									
(e) Maintenance of Reference Collection 10,062.49									
Excess of Income over expenditure carried over to Balance Sheet 1,931.74									
Total ..			47,26,905.62		Total ..				47,26,905.62
Sd./-SALIM ALI President, Bombay Natural History Society			Sd./-A. N. D. NANAVATI Honorary Secretary, Bombay Natural History Society		Sd./-C. V. KULKARNI Honorary Treasurer, Bombay Natural History Society			As per our report of even date Sd./-HABIB & Co., Chartered Accountants	

BOMBAY, 6th November 1981.

MINUTES OF THE ANNUAL GENERAL MEETING OF BOMBAY NATURAL
HISTORY SOCIETY HELD ON 27TH NOVEMBER 1981 AT 6-00 P.M.
AT COOMARASWAMY HALL, PRINCE OF WALES MUSEUM, BOMBAY

The following were present :

1. Mr. G. V. Bedekar
2. Mr. Bansi Mehta
3. Mrs. P. Mukherjee
4. Mr. Humayun Abdulali
5. Mr. M. S. Srinivasan
6. Mrs. Parveen Sisodia
7. Mr. D. J. Panday
8. Dr. A. N. D. Nanavati
9. Dr. C. V. Kulkarni
10. Dr. Sálím Ali
11. Mr. R. E. Hawkins
12. Mr. J. P. Irani
13. Prof. P. V. Bole
14. Mr. S. R. Nayak
15. Mr. M. R. Almeida
16. Mr. Ulhas Rane
17. Mr. Chandrakant Wakankar
18. Mr. Oswald Thail
19. Miss Renee Borges
20. Mr. H. K. Divekar
21. Mrs. D. S. Variava
22. Mr. D. P. Banerjee
23. Mr. V. K. Paralkar
24. Mr. N. D. Mulla
25. Mr. S.D. Bhaumik
26. Mr. R. S. Moral
27. Mr. A. G. Puranik
28. Mr. A. D. Kunte
29. Dr. J. H. Thakkar
30. S/Lt. A. Ranga Rajan
31. Mr. M. B. Sukumar

The President (Dr. Sálím Ali) requested Mr. G. V. Bedekar, Vice President, to take the Chair, and conduct the proceedings.

Agenda item (1)—Committee's Report* for calendar year 1980 (which is the 97th year of the Society's existence) : The Chairman requested the Honorary Secretary (Dr. A. N. D.

Nanavati) to present the report of the Committee for the year 1980. As copies of the report had been made available and time had been allowed for perusal, the report was taken as read and the Honorary Secretary invited comments on the report.

Mr. Ulhas Rane pointed out that on page 6 of the report as circulated at the meeting the word 'Ratnagiri' should be corrected to 'Yellapur in North Kanara district', with reference to the 'Solar Eclipse' study. This was accepted.

Mr. Humayun Abdulali, drew attention to the delay experienced by him in receiving old volumes of the Society's journal in connection with the compilation of the book 'A Century of Natural History'. He referred to the absence of the Curator from Bombay, in connection with seminars, conferences and meetings. He also repeated his complaint that the computerisation of the bird banding data has not yet produced specific results. He felt that the association of Dr. Sálím Ali as Principal Investigator of several research projects involved a loss of opportunity to other researchers. The Chairman and the Honorary Secretary explained the correct position regarding the compilation 'A Century of Natural History', the Curator's attendance at important meetings in Bombay and elsewhere and the bird banding data—computerisation project. Mrs. Variava expressed the view that it was due to Dr. Sálím Ali's association with the projects that they were supported by government funds and grants from PL-480 allocations and that the Society was fortunate in this respect. She felt that these projects did not come in the way of other research projects and any member of the Society

* see page 467.

was welcome to submit for consideration his own research project and if it was found feasible, there would be no difficulty in finding funds for it. Mr. H. K. Divekar stressed that he himself had been allotted funds for his two projects ('Bastar buffalo survey' and 'solar eclipse study') and that there was no basis for Mr. Abdulali's complaint, about opportunities and funds for research projects. Mr. Bansi Mehta stated that Mr. Abdulali seemed doubtful about the scientific value of bird counts being conducted but pointed out that bird counts were also meant for creating interest in natural history.

Dr. C. V. Kulkarni (Honorary Treasurer) clarified that all research proposals put forward by members were considered carefully and no feasible project would be turned down. It was for membersto take the initiative in research.

The Chairman then requested the Honorary Secretary to give a brief account of the activities of the Society during the year 1981 to date. The Honorary Secretary stated that the activities of the Society have increased considerably in extent as well as depth. He added that during 1981 the publication of the Society's journal has been brought to-date, the August 1981 issue having come out on the 28th August 1981. A reprint edition of the Checklist of the Birds of Maharashtra was brought out during the year, and copies are available for sale.

The Honorary Treasurer stated that recently we have received two major donations from Chen Kim Loke Foundation under Sálím Ali Nature Conservation Fund and there is no difficulty whatsoever about funds for research projects.

The Chairman told the members that the project reports of Avifauna, Bird Hazard and Asian Elephant Group, and Vedaranyam Swamp, are available for perusal of members at the Society.

The Committee's report was approved.

Agenda item (2)—The Honorary Treasurer presented the Balance Sheet and Statement of Accounts* for the year 1980 and drew attention to the income and expenditure statement, showing that the Society has been able to wipe out the long standing deficit of Rs.75,717.95 and there was now a small surplus. This was mainly due to the efforts of Mr. H. K. Divekar in organising the snake exhibition at Bombay. Moreover, the Society has been able to create a Staff Welfare Fund for the staff and a sizeable sum has been put into the Gratuity Fund. This was made possible by certain additional activities and by levy of administrative charges on projects run by the Society.

The accounts were approved.

Agenda item (3)—Appointment of auditors and fixing their remuneration: Dr. C. V. Kulkarni (Honorary Treasurer), proposed that Messrs Habib & Co., auditors of the Society for the past several years be appointed for the year 1981 on the same remuneration, i.e., Rs. 1,000. This was seconded by Dr. Nanavati (Honorary Secretary) and carried.

Agenda item (4)—Election of Executive Committee for two years (until the Annual General Meeting for calendar year 1982): The Chairman stated that five nominations for the Executive Committee have been received in addition to the twelve persons recommended by the Committee and an election will be necessary, under the rules. The names recommended by the outgoing Committee are (apart from the Secretary, Govt. of India, Department of Science & Technology):

1. Mr. Humayun Abdulali
2. Dr. S. R. Amladi, M.D.
3. Prof. P. V. Bole
4. Mr. Divyabhanusinh Chawda

* see page 475.

5. Dr. B. Dasgupta
6. Mr. H. K. Divekar
7. Mr. David Fernandes
8. Dr. C. V. Kulkarni
9. Mr. Bansi Mehta
10. Dr. A. N. D. Nanavati, M.D.
11. Mr. M. S. Srinivasan
12. Mrs. Dilnavaz Variava

The five nominations received are :

1. Mr. M. R. Almeida
Proposed by Mr. K. S. Gopalakrishnan
Seconded by Mr. S. R. Nabar
2. Mr. K. D. Gokhale
Proposed by Mr. G. L. Kalro
Seconded by H. V. Shenoy
3. Mr. Ulhas Rane
Proposed by M. S. Renee Borges
Seconded by Dr. S. D. Jayawant
4. Dr. A. S. Kothari
Proposed by Dr. M. K. Sabharwal
Seconded by Dr. R. V. Katre
5. Mrs. Phillippa H. Mukherjee
Proposed by Mr. G. Y. Shah
Seconded by Dr. (Mrs.) A. S. Mehta

Agenda item (5)—Other business : Mrs. Mukherjee stated that some members find the Society's journal somewhat too technical and suggested that there may be several members prepared to waive receipt of the journal which may be coupled with reduction in membership subscription ; and therefore we should consider having two types of membership, one with the journal and second without the journal, with reduced membership rates.

Mrs. D. S. Variava suggested that a circular should be sent to all members to ask them whether they are interested in the journal and if not, whether they would waive their

right to receive the journal for a stated period. The Honorary Treasurer stated that this matter had been brought up several times in the past and has been discussed by the Executive Committee also. A small reduction in the number of printed copies of the journal will not result in appreciable saving, but a reduction in membership fee may involve an overall loss of revenue, with no commensurate advantage. Prof. P. V. Bole stated that when we think of non-journal membership, we should bear in mind that outstation members of the Society are more concerned with the journal and Hornbill, since they are not able to attend meetings etc. held in Bombay.

It was decided that the Executive Committee should consider sending a communication to all members in India asking them, whether they wish to continue receiving the journal and if not, to express their waiver, and the period, so that arrangements can be made to send the journals only to those who wish to receive it and thus save on postage/delivery charges, at least.

The meeting terminated with a vote of thanks to the Chair.

In the ballot held in December 1981, the following were elected to the Executive Committee.

1. Mr. Humayun Abdulali
2. Dr. S. R. Amladi, M.D.
3. Prof. P. V. Bole
4. Mr. Divyabhanusinh Chawda
5. Dr. B. Dasgupta
6. Mr. H. K. Divekar
7. Mr. David Fernandes
8. Dr. C. V. Kulkarni, Ph.D.
9. Mr. Bansi Mehta
10. Mrs. Phillippa H. Mukherjee
11. Dr. A. N. D. Nanavati, M.D.
12. Mrs. Dilnavaz Variava